

Financial System Documentation – Flow & Table Relation (ERD)

1. Diagram Alur Sistem (Flow Process)

Master Data Setup

Company, Vendor, Customer, Project, COA, Payment Terms, Bank

Procure to Pay (P2P)

PO → GR/SE → AP Invoice → Payment

Order to Cash (O2C)

Progress → AR Invoice → Receipt

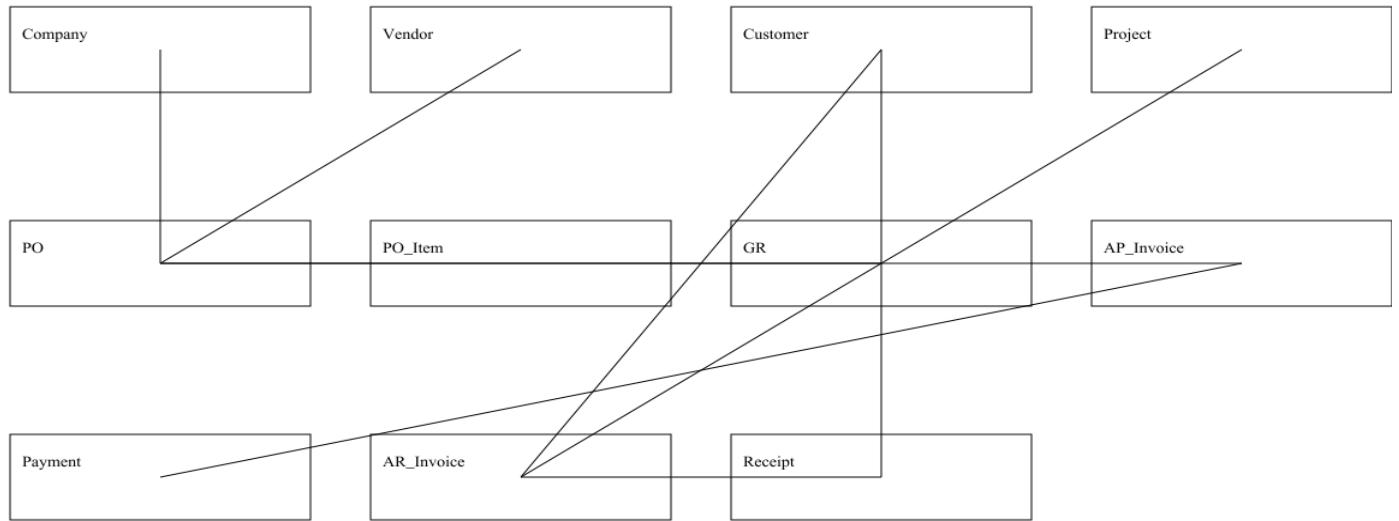
General Ledger

Auto-posting AP/AR/Bank → GL

Financial Close

Rekonsiliasi, GR/IR, Depresiasi, Trial Balance, Lock Period

2. Diagram Table Relation (ERD)



Penjelasan Hubungan Antar Tabel

Company → PO

Setiap PO harus terikat dengan Company tertentu.

Vendor → PO

Vendor yang valid harus ada untuk membuat PO.

PO → PO_Item

Satu PO dapat memiliki banyak item.

PO_Item → GR

GR dibuat berdasarkan PO Item.

PO → AP_Invoice

Invoice vendor harus mengacu pada PO.

Vendor → AP_Invoice

Invoice harus memiliki vendor_code yang valid.

AP_Invoice → Payment

Pembayaran dilakukan atas invoice tertentu.

Project → PO

PO dapat terhubung ke project.

Project → AR_Invoice

Billing customer berasal dari project yang berjalan.

Customer → AR_Invoice

Invoice customer harus memiliki customer valid.

AR_Invoice → Receipt

Receipt adalah bukti pembayaran atas AR tertentu.

Customer → Receipt

Receipt harus terhubung ke customer yang membayar.

3. Appendix: Daftar Entitas & Field Penting

Company

- company_code (PK)
- name
- currency

Vendor

- vendor_code (PK)
- name
- payment_terms_code (FK)

Customer

- customer_code (PK)
- name

Project

- project_code (PK)
- customer_code (FK)
- retention_pct

PO

- po_no (PK)
- vendor_code (FK)
- company_code (FK)
- project_code (FK)

PO_Item

- item_no (PK comp)
- po_no (FK)

GR

- grn_no (PK)
- po_no (FK)
- item_no (FK)

AP_Invoice

- ap_invoice_no (PK)
- vendor_code (FK)
- po_no (FK)

Payment

- payment_no (PK)

- vendor_code (FK)
- bank_code (FK)

AR_Invoice

- ar_invoice_no (PK)
- project_code (FK)
- customer_code (FK)

Receipt

- receipt_no (PK)
- customer_code (FK)
- ar_invoice_no (FK opt)